Biological Wastes **29** (1989) 321–323

CONTENTS OF VOLUME 29

Number 1

The Enrichment of Swine Manures through Cement Kiln Dust Incorporation . 1
S. F. BARRINGTON & A. F. MacKENZIE (Canada)

Removal of Heavy Metal Ions From Aqueous Solutions with Melon (*Citrullus vulgaris*) Seed Husks 11
F. E. OKIEIMEN & V. U. ONYENKPA (Nigeria)

Biotreatment of Anaerobically Digested Swine Manure with Microalgae . . 17
J. DE LA NOÜE (Canada) & A. BASSÈRES (Canada/France)

Green Compost Production from Vegetable Waste Separately Collected in Metropolitan Garden-Produce Markets 33
GIOVANNI VALLINI & ANTONIO PERA (Italy)

Aerobic Nitrogen Fixation During the Biodegradation of Lignocellulosic Wastes 43
ACHARA NUNTAGIJ, CHARLES DE LASSUS, DANIEL SAYAG & LOUIS ANDRÉ (France)

Short Communications

The Effect of Drainage Water on Nodulation, Nitrogen Fixation and Growth of Faba Bean 63
O. A. AL-TAHIR, A. A. AL-NOAIM & A. A. AL-JASIM (Saudi Arabia)

Studies on the Nutritional Improvement of Sorghum Stover (Jowar Kadbi) through Ammoniation by Urea Ensiling 67
U. R. MEHRA, N. N. PATHAK, U. B. SINGH & R. S. DASS (India)

Fructose and Inulinase Production from Waste *Cichorium intybus* Roots . . 73
ANIL K. GUPTA, NARINDER KAUR & RANGIL SINGH (India)

Book Review 79

Number 2

Culture of Cyanobacteria for Tertiary Wastewater Treatment and Biomass Production 81
Y. POULIOT, G. BUELNA, C. RACINE & J. DE LA NOÜE (Canada)

Biological Wastes (**29**) (1989)—© 1989 Elsevier Science Publishers Ltd, England. Printed in Great Britain

Thermophilic Process for Protein Recovery as an Alternative to Slaughterhouse Wastewater Treatment 93
S. GARIÉPY, R. D. TYAGI, D. COUILLARD & F. TRAN (Canada)

Utilization of Agro-industrial Residues in Alexandria: Experience and Prospects 107
AHMED HAMZA (Egypt)

Effect of Processing on High-Protein Feedstuffs: A Review 123
MANTHOS C. PAPADOPOULOS (Greece)

Death of Fecal Coliforms and *Mycobacterium paratuberculosis* during Fermentation of Corn and Feedlot Waste 139
G. R. HRUBANT & R. A. RHODES (USA)

Short Communication
Total Dietary Fibre of Some Wastes as Determined by the Difference Method . 153
S. M. GAONKAR & P. R. KULKARNI (India)

Book Reviews 157

Number 3

The Effect of Oxidative Coloration on the Methanogenic Toxicity and Anaerobic Biodegradability of Phenols 161
J. A. FIELD & G. LETTINGA (The Netherlands)

Nitrogen Renovation by Denitrification in Forest Sewage Irrigation Systems . 181
L. A. SCHIPPER, W. J. DYCK, P. G. BARTON &
P. D. HODGKISS (New Zealand)

Two-Phase Anaerobic Digestion of a Mixture of Fruit and Vegetable Wastes . 193
A. MTZ. VITURTIA, J. MATA-ALVAREZ (Spain), F. CECCHI &
G. FAZZINI (Italy)

Methane Generation from Chemically Pretreated Cellulose by Anaerobic Fluidized-Bed Reactors 201
MILAGRO REIG, FIDEL TOLDRÁ, GOW J. TSAI,
NORMAN B. JANSEN & GEORGE T. TSAO (USA)

Influence of Operating Variables on the Anaerobic Digestion of Crude and Treated Vine Shoots 211
S. JIMÉNEZ, M. C. CARTAGENA & A. ARCE (Spain)

Treatment of Potato Waste Effluents with Bacterial Protein Production . . 221
MARÍA C. RUBIO & OSCAR E. MOLINA (Argentina)

Short Communications
Detoxification of Mahua (*Bassia latifolia*) Seed Cake by Alcohol Treatment . 229
P. SINGH & O. N. AGARWALA (India)

Influence of Cane Filter Cakes and Cattle Manure on Micronutrients Content on Sugar-Beet and their Availability in Alkaline Sandy Loam Soil 233
M. L. KAPUR & R. S. KANWAR (India)

Book Review 239

Number 4

The Tannin Theory of Methanogenic Toxicity 241
J. A. FIELD, S. KORTEKAAS & G. LETTINGA (The Netherlands)

Malt Hydrolysis of Sweet-Potatoes and Eddoes for Ethanol Production . . 263
RHONDA HOSEIN & WINSTON A. MELLOWES (Trinidad)

A Rotating Biological Extended Contactor 271
MIROSŁAW KRZEMIENIEWSKI (Poland)

SCP from Orange Peel by Fermentation with Fungi—Submerged and 'Surface' Fermentations 279
C. VACCARINO, R. LO CURTO, M. M. TRIPODO, R. PATANÉ, G. LAGANÁ & S. SCHACHTER (Italy)

Impact of Organic Manures or Supplementary Diet on Plankton Production and Growth and Fecundity of an Indian Major Carp, *Cirrhina mrigala* (Ham.), in Fish Ponds 289
ASHA DHAWAN & H. S. TOOR (India)

Biological Treatment of a Pharmaceutical Wastewater 299
W. J. NG, MIRANDA G. S. YAP & M. SIVADAS (Singapore)

Relationship between Volatile Fatty Acids, Total Ammonia, and pH in Manure Slurries. 313
J. W. PAUL & E. G. BEAUCHAMP (Canada)

Announcements 319